VILENKINA, G.Ya.; FAYNSHTEYN, F.E.

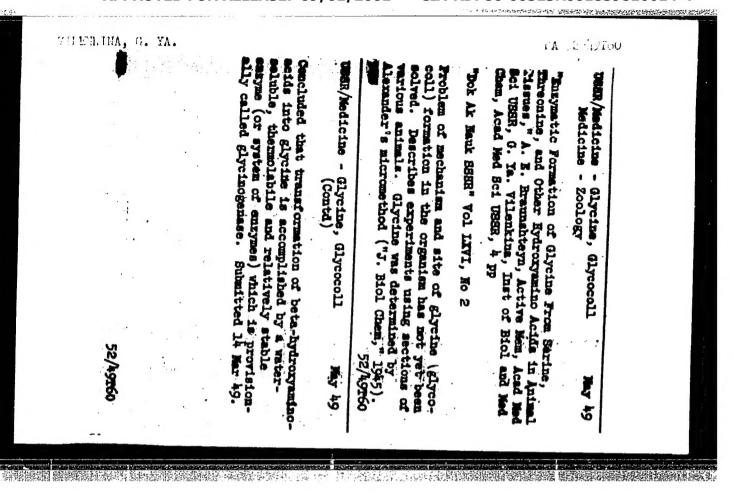
Urinary excretion of aminoimidazolecarboxamide in patients with leucosis. Vop. med. khim. 7 no.3:301-305 My-Je '61.

(MIRA 15:3)

1. The Institute of Biological and Medicinal Chemistry of the Academy of Medical Sciences of the U.S.S.R. and the Hematological Clinic of the Central Institute of Hematology and Blood Transfusion of the Ministry of Public Health of the U.S.S.R. (IEUKEMIA)

THE TAX TO SELECT THE PROPERTY OF THE PROPERTY

(IMIDAZOLECARBOXAMIDE) (URINE—ANALYSIS AND PATHOLOGY)



"APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859810014-4

VIIENKIM G. Ya.

4855. VILENKINA G. Ia. Mechanism of convage of B-hydroxyamino-acids by glycinogenase Dokladi Adademii Nauk SSSR, Moscow 1949, 69/3 (385-388) Tables 1

In the presence of glycino-genase, B-hydroxyvaline gives acetone and glycine; threonino and allo-threonine give acetaldehyde and glycine; and B-phenyl-DL-serine gives benzaldehyde and glycine. Thus, compounds of the type R₁R₂ COHCHEI₂COOH are split to R₁R₂CO and CH₂NH₂COOH. Bisulphite, semicarbazide and hydroxylamine inactive glycino-genase, but the livers of rats deprived of vitamin B₆ still contain this enzyme. Thus, its prosthetic group contains a carbonyl group, but not pyridoxal. Leicester - San Francisco

SO: Excerpta Medica, Section 11 Volume 111 No. 9

"APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859810014-4

TO CONTRACTE STREET, AND STREE

VILENKINA, G. Ya.

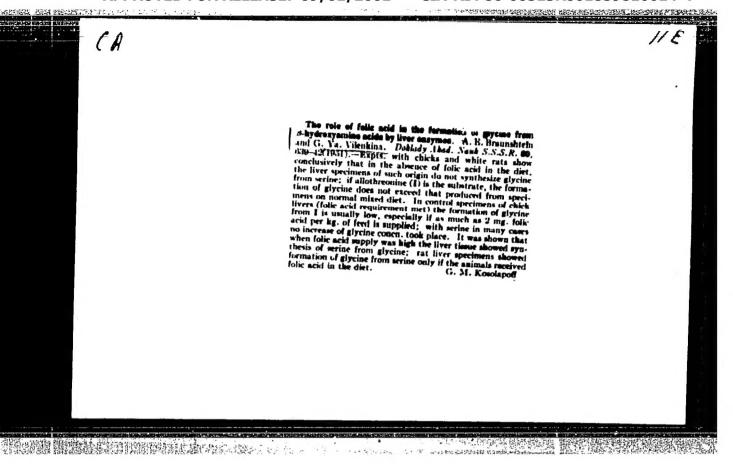
"Formation of Glycine by the Enzymatic Splitting of Beta-Oxyamino

Acids." Sub 13 Nov 51, Acad Med Sci USSR. (and ded & property)

Dissertations presented for science and engineering degrees in Moscow during 1951.

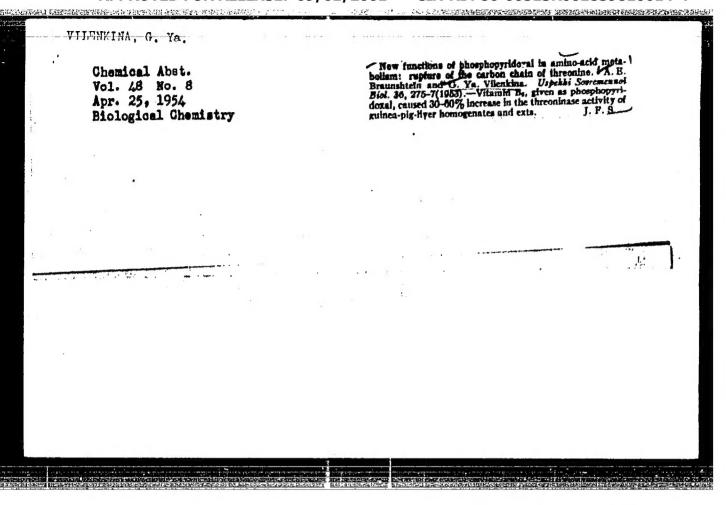
50: Sum. No. 480, 9 May 55

APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859810014-4"



The second section of the second seco

Basymin options that form glysine from A-hydroxyamine aidds. G. Ya. Vikenkina (Acad. Med. Sci., Moncow). Dehiady Aladi. The Aladi TXXI.R. 88, 569 62(1922); cf. C.A. 64, 25662.—The earyme system forming glycine from 5-hydroxyamino acids was studied further. Liver specimens form lens glycine from to the theorem of high purity than is formed from specimens that contain some allothreonine; the latter is spite to rapidly that its presence distorts the results significantly. Dt. Threonine yields as much glycine as in obtained from D.-threonine is pickled as much glycine as in obtained from D.-threonine is positive and the positive of the control of



"APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859810014-4

Note that the resulting and the second production of the second of the s VILLEII, A.TA. The limiting in stall living of the less it of Minimum John in the foreign of waterer and investing arrors or that the following appendiffic works, paperas eliftordin backs, and textories have been submitted for competition for Stalte Prizes for Suntenger by tore, Minary. No. 2 40. or feb - ; Asir 1954; THE PROPERTY OF HISTORY Morning to a 111 Institute of Biological and "Investigations of the Braunshbeyn, A.Ye. Medical Chemistry, Academy Shemyakin, M.M. Goryachenkova, Ye.V. Processes of Amino Acid of Medical Sciences USSR Metabolism and the Role of Certain Vitamins of Azarkh, R. !!. the 'B' Complex in These Vilenkina, G.Ya. Processes 4. 2(10) 10 17 18 19 11 15 1

Serinase and the optical isomers of serine and the nature of the thermostabile serinase cofactors. G. Yz. Vilenking (Inst. Biol. Med. Chem., Acad. Med. Sci. U.S.S.R.; Moscow). Biolikining 20, 1082-201(1055) — The captul of the control of the property of the property of the property of the part of the part of the part of the part of the capture. As the substrate conn. in increased above a well established optimal level (20.024) the action of retinase on t service or its racenale rapidly declines. The serinose-octivating factor of boiled liver exis. or of yeast is not affected adversely by pril 8.0; however, in descripant is kept at pl 13.0. The serinose of the results of the control of th

VILENCIA, G.Ya. Excretion of 4(5)-amino-5(4)-imidasolecarbosamide in human urine [with summary in English]. Vop.med.khim. 2 no.6:450-451 H-D '56. (MIRA 10:3) 1. Laboratoriya obmena azotistykh veshchestv, Institut biologicheskoy i meditainskoy khimii akademii meditainskikh nauk SSSR, Moskva. (IMIDAZOLES, in urine 5-amius-4-imidasolocarboxamide excretion, determ.)

VILENKINA, G.Ya., kamdidat bielegicheskikh nauk.

Vitamin B6. Prireda 45 me.3:107-110 Mr 156. (MIRA 9:7)

l.Institut bielegicheskey i meditsinskey khimii Akademii meditsinskikh mauk SSSR.
(Pyridexins)

```
Quantitative chromatographic method in studying histidinaria in pregnancy [with summery in English]. Vop.med.khim. 3 no.4: 286-291 Jl-Ag '57. (MIRA 10:11)

1. Laboratoriya obmena azotistykh veshchestv Instituta biologicheskoy i meditainskoy khimii AMM SSSR, Moskva.

(HISTIDINE, in urine.

in pregna, chromatography (Rus))

(FREGNANCY, urine in, histidine, chromatography (Rus))
```

BRAUNSHTHYN, A.Yo., VILENKINA, G.YR.

Chromatographic determination of 4(5) -aminoimidazole -5(4)-carboxamide and its amount in human and animal urine [with summary in English]. Biokhimiia 23 no.6:887-890 N-D 158

(MIRA 11:12)

1. Institut biologicheskoy i meditsinskoy khimii AMN SSSR, Moskva. (INIDAZOLECARBOXAMIDE)

(PAPER CHROMATOGRAPHY)

(URINE ANALYSIS AND PATHOLOGY)

The Company of the Co

TOLKACHEVSKAYA, N.F.; VILENKINA, G.Ya.

4[5]-aminoimidazole-5[4]-carboxamide in the urine of infants in the first year of their life. Vop.med.khim. 11 no.6:14-17 N-D (MIRA 18:12)

1. Otdel razvitiya i vospitaniya Instituta pediatrii AMN SSSR i laboratoriya obmena aminokislot i azotistykh osnovaniy Instituta biologicheskoy i meditsinskoy khimii AMN SSSR, Moskva. Submitted April 25, 1964.

TO PROTECT HE SHEET WAS AND A SHEET WAS A

BRAUNSHTEYN, A.Ye.; VILENKINA, G.Ya.; BRUSOVA, L.V.

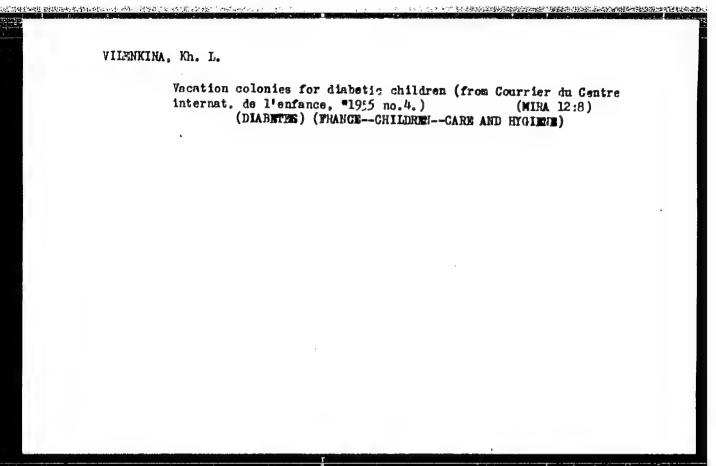
Pyridoxal phosphate participation in the active transport of amino acids through cell membranes. Vop. med. khim. 9 no.5:475-480 S-0 '63. (MIRA 17:1)

1. Institut biologicheskoy i meditsinskoy khimii AMN SSSR, Moskva.

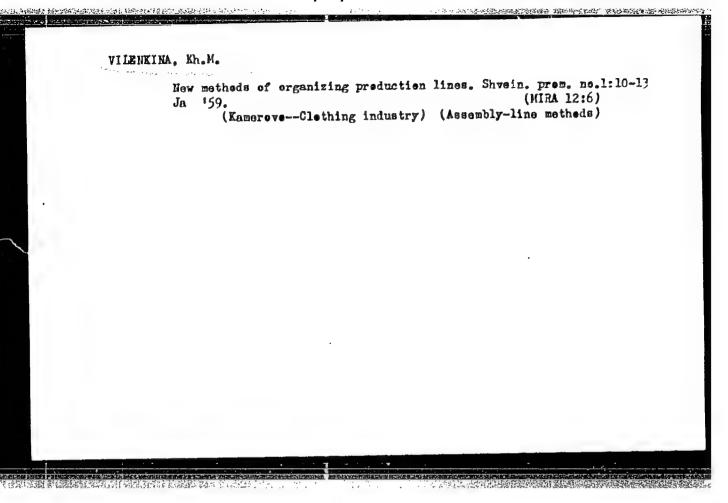
VILENKINA, Kh.L., doktor med.nauk (Leningrad)

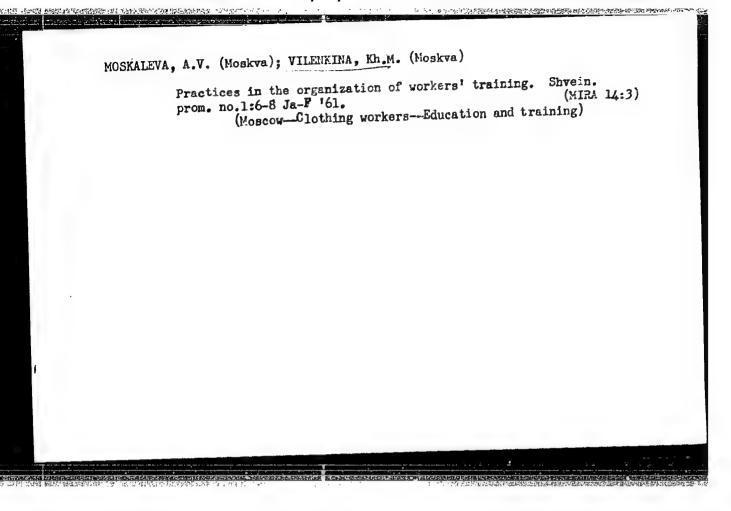
Problem of the organization of medical services for students. Sov. zdrav. 20 no.5:38-41 '61. (MIRA 14:5)

(SCHOOL HYGIENE)



"APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859810014-4





VILENKINA, Kh.M., starshiy nauchnyy setrudnik

Equipment for pressing parts of men's suits and coats. Shvein. prom. no.2:8-10 Mr-Ap '59. (MIRA 12:6)

1.TSentral'nyy nauchno-issledovatel'skiy institut shveynoy promyshlennosti.

(Pressing of garments) (Men's clothing)

VILENKINA, M.N.

Functional point of view on the degree of integration in sponges.

Dokl. AN SSSR 159 no.6:1425-1426 D *64 (MIRA 18:1)

1. Institut biologii yuzhnykh morey im. A.O. Kovalevskogo Ali UkrSSR. Predstavleno akademikom Ye.N. Pavlovskim.

VILENKINA, N.M., inzh.

New building material to be used in rural construction. Biul. stroi. tekh. 12 no.5:8-9 My '55. (MIRA 11:12)

l. Hauchno-issledovatel'skiy institut Gorsel'stroy.
(Weed, Compressed)

VILENKINA, G.Ya., SHLYAKHTINA, O.N.

Symptoms of vitamin B6 deficiency in normal and toxemic pregnancies. [with summary in English]. Vop.med.khim. 4 no.6:425-430 N-D '58 (MIRA 12:1)

1. Institute of Biological and Medical Chemistry of the USSR Academy of Medical Sciences and Institute of Obstetrics and Gynecology Ministry of Public Health of the USSR, Moscow.

(VITAMIN B6 DEFICIENCY, in pregnancy, normal & toxemic (Rus))
(PREGNANCY, compl.
vitamin B6 defic. (Rus))
(PREGNANCY TOXEMIAS, compl.

same (Rus))

VILENKINA, Kharitina L'vovna.

State Sci-Res Pedagogical Inst. Academic degree of Doctor of Medical Sciences, based on her defense, 2 April 1954, in the Council of the Leningrad Sanitary-Hygienic Med Inst of her dissertation: "Material on Physical Education and its influence on the Indices of Health of Pupils of Kindergartens".

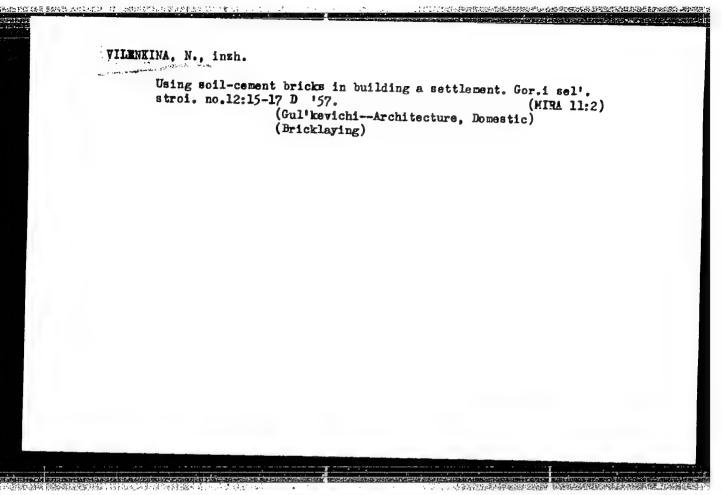
Academic degree and/or title: Doctor of Sciences

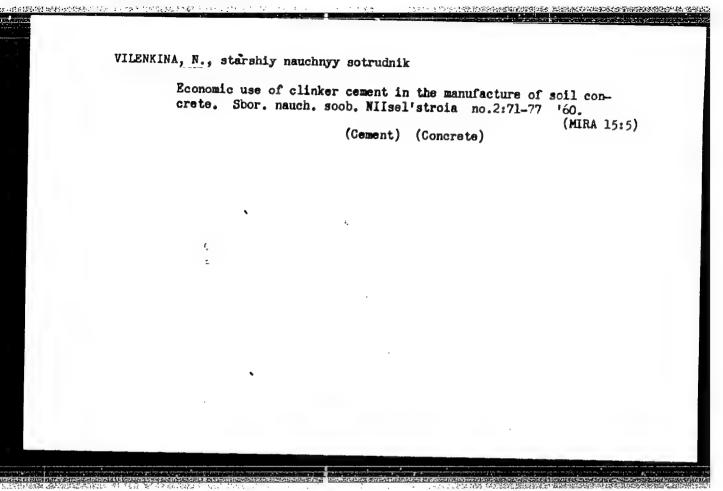
SO: Decisions of VAK, List no 7, 26 Mar 55, Byulleten MVO SSSR, No. 14, July Moscow pp 4-22, Uncl. JPRS/NY-429

VILEUFINA, M.N.

General and tissue respiration of Mereis diversicelor (C.P.Miller) as related to its body rize. Dekl. AN SS:R 163 no.4:1018-1020 Ag (MIRA 18:8)

1. Institut biologii yuzhnykh merey im. A.C. Kovalevskogo AN SSSR. Submitted Cototer 26, 1964.





VILENKINA, W. Soil-cement blocks. Gor.sel'.stroi. no.1:33 Ja '57. (NIRA 10:4) 1. Mauchayy sotrudnik nauchno-issledovatel'skogo instituta Gersel'stroya. (Building blocks)

ANDREYEV, L., inzhener; VILENKINA Inzhener. Using soil cement bricks in building. Gor.i sel'.stroi. no.4:15-17 (MLRA 10:5) Ap 157. (Building blocks) (Foundations) (Soil cement)

"APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859810014-4

Experience in the installation of welded steel roofing. 10 no.10:16-17 My 153. 1. Tekhnicheskoye upravleniye MEnGS ESFSR. (Roofing)	Biul.stroi.tekh. (MLRA 6:8 (Electric weldin

VILENKINA, N.M.; KHEYFITS, V.Z.; SOKOLOVA, G.S., red.; SAYTANIDI, L.D., tekhn.red.

[Soil cement in rural construction] Gruntobeton v sel'skom stroitel'stve. Moskva, Izd-vo M-va sel'khoz.RSFSR, 1960. 30 p. (MIRA 13:11)

(Farm buildings) (Soil coment)

VILENKINA, N.M., inshener; TRUDOV, B.A., inshener.

Experiment in industrialised construction of schools on collective farms. Stroi.prom. 20 no.5:19-22 My *54. (MLRA 7:6) (Schoolhouses) (Precast concrete construction)

VILENKINA, Nina Mikhaylovna; POPOV, N.A., prof., doktor tekhn.nauk, nauchnyy red.; KUZNETSOVA, M.N., red.izd-va; GOL'BERG, T.M., tekhn.red.

[Soil-cement blocks] TSementno-gruntovye kamni. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit.materialam, 1961. 86 p. (MIRA 14:6)

GEL'FAND, Israil' Moiseyevich; RAYKOV, Dmitriy Abramovich; SHILOV, Georgiy Yevgen'yevich; VILENKINA, S.A., red.; GAVRILOV, S.S., tekhn.red.

[Commutative normed rings] Kommutativnye normirovannye kolitas.

Moskva, Gos.izd-vo fiziko-matem.lit-ry, 1960. 315 p.

(Rings (Mathematics)) (MIRA 13:7)

MARGOLIS, L.Ya.; YENIKEYEV, E.Kh.; ISAYEV, O.V.; KRYLOVA, A.V.; KUSHNEROV, M.Ya.; Prinimala uchastiye: VILENYINA, S.H., laborant

Modification of hydrocarbon oxidation catalysts. Kin.i kat. 3 no.2:181-188 Mr-Ap '62. (MIRA 15:11)

Institut khimicheskoy fiziki AN SSSR.
 (Hydrocarbons) (Oxidation) (Catalysts)

11.1210

\$/065/60/000/011/006/009 E194/E484

AUTHORS:

Rozhskov, I.V., Klimov, K.I., Kornilova, Ye.N. and Vilenkiy, A.V.

TITLE :

The Service Performance of Fuel Type T Stabilized With Anti-Oxidant & -16 (FCh-16)

PERIODICAL: Khimiya i tekhnologiya topliv i masel, 1960, No.11, pp。49~53

Soviet jet fuels for civil aviation are grades T-1, TEXT: TC -1 (TS-1) anu T-2. Fuel T-2 is a wide gasoline-kerosene cut and fuels T-1 and TS-1 are kerosene cuts produced by straight distillation. Fuel type T is a jet-fuel containing gasoline fractions including thermally cracked components, The use of thermally cracked components considerably improves the supply position and the properties of the fuel are generally satisfactory, except that because of the presence of unsaturated hydrocarbons the fuel is much more subject to auto-oxidation than straight distillate fuels. Accordingly, the present work considers in particular the results of long-term storage of fuel containing thermally cracked components stabilized with anti-oxidant FCh-16. The wide-cut fuels are not such good lubricants as kerozene and may give rise to increased wear in fuel pumps. Accordingly. Card 1/4

85180

S/065/60/000/011/006/009 E194/E484

The Service Performance of Fuel Type T Stabilized With Anti-

this property was also studied. Table 1 gives laboratory oxidation test results on fuels produced by different refineries. The oxidation tests were made at a temperature of 110°C for eight hours, oxidation being assessed by the actual resin content at a temperature of 185°C. The fuels were stabilized with C.05% weight anti-oxidant FCh-16 which consists of phenols that are by-products of semi-coking of Cheremkhovsk coal. anti-oxidant FCh-16 is a more effective anti-oxidant for thermally Previous work has shown that cracked fuels than wood-rosin anti-oxidant, ionol and paraoxydiphenylamine. Storage tests were made for 2.5 years under severe conditions with mean summer temperatures up. to 30 to 35°C. In the fuel stabilized with anti-oxidant FCh-16 there was no increase in actual resins or in neutralization value. given in Table 2 show that the remaining physical-chemical properties of the fuel containing cracked component and stabilized with FCh-16 did not change during 2.5 years storage and remained within the standard limits. The anti-wear properties of fuels were investigated on a rig KB-1 (KV-1) illustrated schematically

S/065/60/000/011/006/009 E194/E484

The Service Performance of Fuel Type T Stabilized With Anti-Oxidant FCh-16

in Fig.2 in which a steel cylindrical roller 5 mm diameter rubs against a spiral of wire 2 mm diameter, wound on the cylindrical surface of a disc. The speed of loading and other conditions are given and the loads to cause scoring with various commercial fuels are plotted in Fig. 3. It is shown that the fuels differ considerably in their anti-wear properties, of the straight distillate fuels grade T-1 is the best, T-2 is the worst and TS-1 is intermediate. Samples of fuel containing thermally cracked components and additive FCh-16 are better in anti-wear properties than fuel grade T-2 of the same viscosity and are not worse than fuel TS-1 although of somewhat lower viscosity. order to explain the reason for this wear, tests were made with the components of the fuel to investigate the influence of adding FCh-16 and the results are plotted in Fig. 4. It will be seen that product FCh-16 is able to improve the anti-wear properties of It is concluded that a fuel containing 30% of cracking component and 0.05% anti-oxidant FCh-16 is of good oxidation stability and can be stored in the southern regions for not less Card 3/4

THE STANDARD CONTRACTOR OF THE PROPERTY OF THE

85180 \$/065/60/000/011/006/009 E194/E484

The Service Performance of Fuel Type T Stabilized With Anti-

than 2.5 years and, moreover, it is of satisfactory anti-wear properties. There are 4 figures, 2 tables and 6 references:

X

Card 4/4

BASOVICH, G., inzh.; VILENS, L., ingh.

Three-step blocks for constructing roofs without using wooden elements. Sel'.stroi. 13 no.11:11-14 N 58. (MIRA 11:12) (Tiles, Roofing)

"APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001859810014-4

ACC NR: AP6030735 (A,N) SOURCE CODE: UR/0021/66/000/008/1031/1033

AUTHOR: Polyetukha, V. V. --Poletukha, V. V.; Solomko, V. P.; Vilens'ka, .

M. R. --Vilenskaya, M. R.; Uskov, I. O. --Uksov, I. A.; Yurzhenko, T. I.

ORG: Kiyev State University (Kiyivs'kiy derzhavniy universytet)

TITLE: Grafting of polymethyl methacrylate and polystyrene on kaolin modified by organic peroxide compounds

SOURCE: AN UkrRSR. Dopovidi, no. 8, 1966, 1031-1033

TOPIC TAGS: filler modification, vinyl monomer polymerization, polymethylmetacrylate, grafting

ABSTRACT: Fillers modified by compounds firmly bound to the filler's surface and capable of initiating the polymerization of vinyl monomers are investigated. For this purpose, kaolin was treated with organic peroxide compounds and then brought in contact with refined sytrene and methyl methacrylate. Considerable quantities of unextracted polystyrene and very large amounts of poly(methyl methacrylate) were formed during polymerization. This is explained by the

Card 1/2

"APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859810014-4

ACC NR. AP6030735

increase in active groups at the surface of the filler formed in the process of monomer polymerization at temperatures exceeding the temperature of the decomposition of peroxides. Grafting is particularly effective when tert-butyl peracrylate is used, attaining 214% of the weight of the filler. This paper was presented by F. D. Ovcharenko, Academician, AN UkrSSR. [Based on authors' abstract] [SP]

SUB CODE: 07, 11/ SUBM DATE: 06Aug65/ ORIG REF: 004/ OTH REF: 003/

VILENSKAYA, B.M., aspirant; KORCHAGIN, M.V., prof.

Effect of the nature of the dyes on their absorption during padding in the continuous dyeing of fabrics made from viscose staple fibers. Tekst. prom. 23 no.12:49-52 D 163.

(MIR \ 17:1)

1. Moskovskiy tekstil'nyy institut (MTI).

CIA-RDP86-00513R001859810014-4

VILENSKAYA, B.M., aspirant; KORCHAGIN, M.V., prof.

Dye absorption in the continuous dyeing of nylon fabrics by the padder method. Tekst. prom. 23 no.10:8-13 0 '63. (MIRA 17:1)

1. Moskovskiy tekstil'nyy institut (MTI).

VILENSKAYA, F. [Vilenska, F.] The interests of the workers of Israel are incompatible with the policy of monopolies. Vsem. prof. dvizh. no.3:14-16 Mr '63. 1. Ghlen Ispolnitel'nogo komiteta Gistadruta, Izrail'. (European economic community) (Israel—Labor and laboring classes)

"APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859810014-4

LYASS, A.M.; VILENSKAYA, I.A.; IUUEROVSKIY, A.H.

Apparatus for testing moulding materials at high temperatures.

Lit.proizv. no.5:13-15 Ag '54. (MLRA 7:8)

(Foundry supplies--Testing)

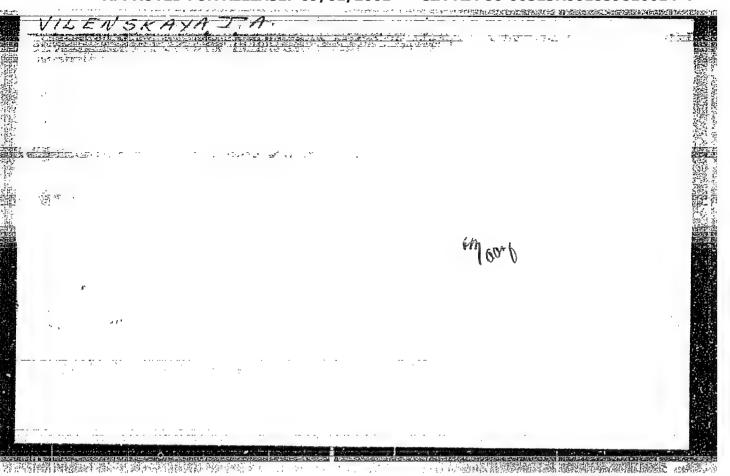
VILENSKAYA, F. L. (Co-author)

See: SHMITSER, I. S.

Shritser, I. S. and Vilenskaya, F. L. - "Diagnosis of primary cancer of the gall bladder," Vracheb. delo, 1949, No. 2, columns 123-26

50: U-3566, 15 March 53, (Letopis 'Zhurnal 'nykh Statey, No. 14, 1949).

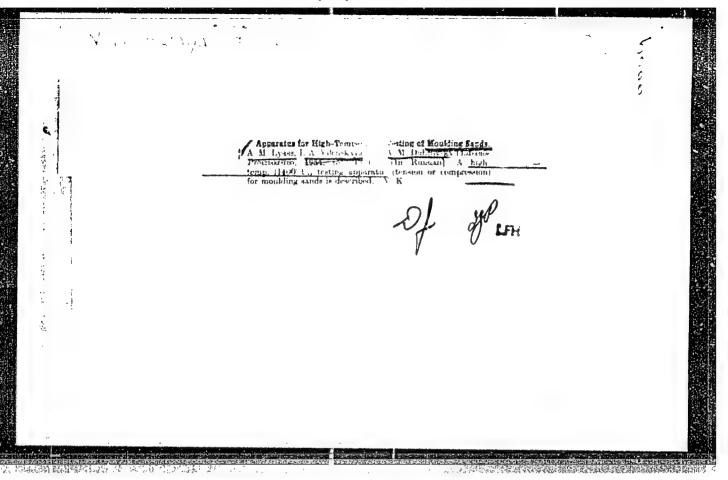
"APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859810014-4



NOTKIN, Ye.M.; KUR, G.Ye.; A. ONSHTEYN, N.M.; prinimali uchastiye: KAMMEV, V.S.; SHASHIN, N.N.; TYURIN, V.I.; VENBRIN, V.D.; MAREYEV, D.I.; VILENSKAYA, I.A.; BORODIN, B.V.; DCH-YAKHIO, I.A.; MOSKALLNKO, S.M.; ABRANOVA, Z.A.; KLIMOV, M.D.; VASIL'YEV, I.A. LUK'YANOV, S.K.

Introducing automatic control in coremaking. Lit. proizv. no.6: 15-19 Je *62. (MIRA 15:6)

"APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859810014-4



(三) 100 信息型。各地位等等等性等等等性的可以不可能使用的整理的各种的直接等的。

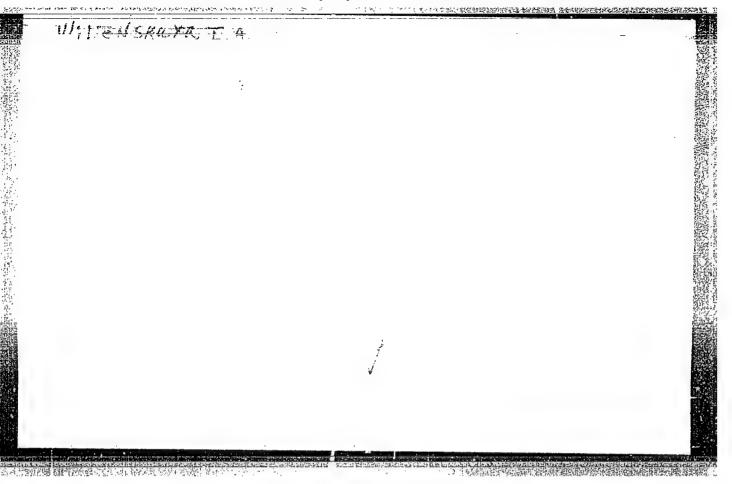
NOTKIN, Ye. M.; VILENSKAYA, I. A.; Prinimali uchastiye: DANILOV, M. A.; BORODIN, B. V.; MAREYEV, D. I.; TYURIN, V. I.; MALYSHEVA, A. A.

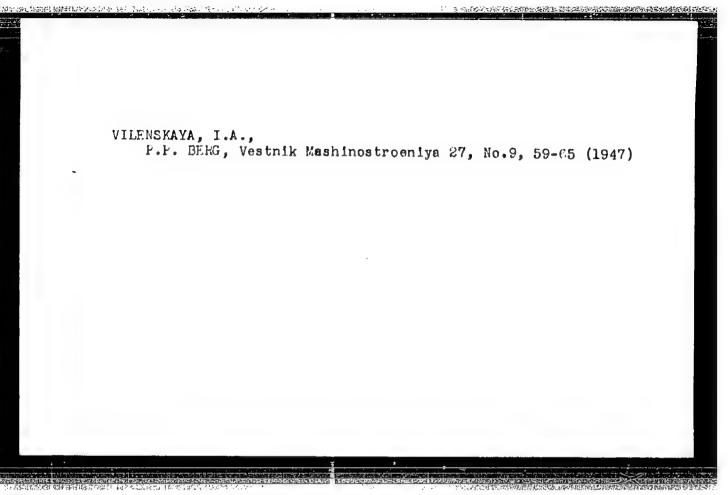
Mixtures for foundry cores produced by the sand slinging method. Sbor. trud. NIIST no.10:41-70 162.

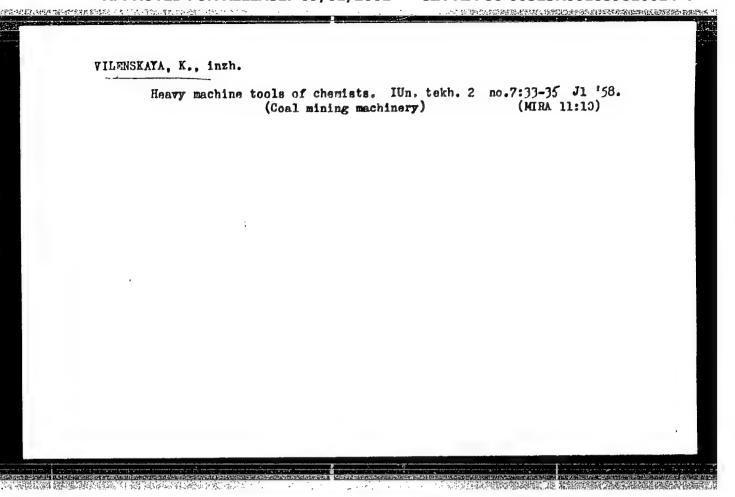
(MIRA 15:10)

1. Mauchno-issledovatel'skiy institut sanitarnoy tekhniki (for Danilov, Borodin). 2. Moskovskiy chugunoliteynyy savod imeni Voykova (for Mareyev, Tyurin, Malysheva).

(Coremaking)







· 中国的基础的特别的

VILHNSKAYA, L.S. *Grandstand of the control of the

1. Glavnyy wrach sanatoriya "Essentuki."
(BALMEGLOGY, in various diseases, indic.)

"APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859810014-4

make the following that the following that the second of the the second of the second	į	COMPAGE. This callaction of 35 articles represents the results of timestigations of timestigations of timestigations of timestigations of timestigations of the said also draw from extens timestical to the said also draw from extens timestical to the said also draw from extens timestical to the percentities are mentioned. Between a secondary mast of the ratiology. But the said of the said also the said of the s	of the present incomposition at the same and the statement of the statemen	Solid before called the 1,1-dipose forms. Annight, M.S. [Nones Strin-Balendrichen. Newlight, M.S. [Nones Strin-Balendrichen. String and the 1,1-dipose form of the 1,1-dipose for the 1,1-dipose form of th		maryon, 7.7. [Rosea Sain balwardty hand M.Y. Lammoort]. EDATION [6] The Baction of Organic Percentes with the Doules Zan The anther concludes from the Industries of the separation of follow The anther concludes from the Industries the percentes The arters percented that it is possible to describe the percentes The arters are agreed to the industries of the concludent of the conclude	methics, p.d. (Corresponding member, academy of Echance USES) [Vestylingy member-leader-all large interface by personable martit [Vestylingy member-leader-all large interface by the control of the co
Enterty and SE.	1979- 194 p. Erra Mil. B. E. Mannall, C Palitable Erraet Burguest Mis estheri Milesantes estanti	COMMAN TALE OF LACE OF	Ant the Thermal De- Presides The Mastes of 1800 vertices	Position of Action of Acti	Anthropological statements of the statements of	Sarayawe 7.7. Exactly of The Exactly	Reality, 7- (Orr (Year)) in the control of the cont

VILENSKAYA, M.R.; YURTHENKO, T.I.

Synthesis of tertiary alkyl hydroperoxides $C_6 - C_{11}$. Zhur. cb. khim. 34 no. 3:748-752 Mr '54. (MIFA 17:6)

1. L'vovskiy politekhnicheskiy institut.

YURZHENKO, T.I.; GRIGOR'YEVA, K.S.; AREF'YEV, N.V.; VILENSKAYA, M.R.

Synthesis of alkylated hydroperoxides of the 1,1-diphenylethane series, applying a chromatographic separation method. Dokl.AH SSSR 118 no.5:970-972 F. 58. (MIRA 12:1)

1. L'vovskiy politekhnicheskiy institut. Predstavleno akadenikom B.A. Arbuzovym.

(Hydroperoxides)

J. 00391-66 EWT(m)/EPF(c)/EWP(j)/T RPL ACCESSION NR: AP5021284 UR/0020/65/163/005/1181/1184 AUTHORS: Yurzhenko, T. I.; Vilenskaya, M. R.; Osetskaya. V. A. H. Synthesis of polymerizable peroxide esters of acrylic and methacrylic acids AN SSSR. Doklady, v, 163, no. 5, 1965, 1181-1184 TOPIC TAGS: polymerization, acrylic acid, methacrylic acid, peroxide, synthesis ABSTRACT: The object of the investigation was to synthesize peroxy-ester monomers. The following esters were synthesized: tert-butylpercaprylate, tert-amylpercaprylate, dimethylethynyl-percaprylate, 2,5-bis(acryloylperoxy)-2,5-dimethylgexyne-3, cumylpercaprylate, n-chloro-cumylpercaprylate, n-bromopercaprylate, n-nitrocumylpercaprylate, tert-butylpermethacrylate, cumylpermethacrylate, n-chlorocumylpermethacrylate, n-bromocumylpermethacrylate, and n-nitrocumylpermethacrylate. It was found that the most stable esters are formed by the alkyl hydroperoxides. Of these, the peracrylates are more stable than the permethacrylates. Peroxide esters of alkylaryl hydroperoxides undergo a heterolytic transformation with the formation of nonperoxide products. The stability of substituted iso propylbenzene depends on the nature of the substituent and increases in the order Br < C1 < NO2. Card 1/2

"APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001859810014-4

L 00391-66 ACCESSION NR: AP5021284 ASSOCIATION: L'vovskiy politel	chnioheskiy institut (L'v	ov Polytechnical Institute)
SUBMITTED: 22Nov64	ENCL: 00	SUB CODE: OC
NO REF SOV: 005	OTHER: 009	00
	•	
Let	. .	
Card 2/2		

"APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859810014-4

AUTHORS:

Yurzhenko, T. I., Grigor'yeva, K. S.

20-118-5-34/59

Aref'yev, N. V., Vilenskaya, M. R.

TITLE:

The Synthesis of Alkylated Hydroperoxides of the 1,1-Diphenylethane Series by the Method of Chromatographical Isolation (Sintez alkilirovannykh gidroperekisey ryada 1,1-difeniletana s primeneniyem khromatograficheskogo metoda ikh

vydeleniya)

PERIODICAL:

Doklady Akademii Nauk SSSR, 1958, Vol. 118, Nr 5, pp. 970-972

(USSR)

ABSTRACT:

It was stated (references 1-3) that the peroxidation chiefly occurs in the place of the C-linkage of the hydrocarbons (autoxidation). The reactivity of this linkage is increased in the series of the primary, secondary, and tertiary C-atom as well as under the influence (by the a carbon atcm) of several other structural factors: of ether oxygen, of the benzene nucleus, of a double linkage, of a system of double linkages, and others. It was interesting to investigate the influence of different alkyl radicals which effect the C-H linkage and the hydroperoxide group through the benzene

Card 1/4

The Synthesis of Alkylated Hydroperoxides of the 1,1-Diphenyl- 20-118-5-34/59 ethane Series by the Method of Chromatographical Isolation

nucleus, on the process of autoxidation and on the properties of the hydroperoxides. So the problem arose how to synthetize some hydroperoxides from the 1,1-diphenylethane and to introduce in one of the benzene nuclei in the para position at the central C-atom the following alkyl radicals: CH3(I), $C_2H_5(II)$, $CH(CH_3)_2(III)$, and $C(CH_3)_3(IV)$ as well as $H-C_3H_7$. As these hydroperoxides can be neither distilled nor crystallized, they were produced by the autoxidation of the corresponding hydrocarbons by means of the chromatographic method of isolation and purification. The synthesis of the initial hydrocarbons and the method of autoxidation are described. The velocity and the level of the accumulation of the hydroperoxides are given in table 2. These results show that the autoxidation of separate hydrocarbons takes place at an approximately equal velocity. At maximum velocity 0,25 - 0,35% hydroperoxide are formed. From that can be concluded that the nature of thealkyls introduced in the para position has no essential influence on the peroxidation in the place of the tertiary C-H linkage. The thermal stability of the peroxide seems to decrease with the

Card 2/4

The Synthesis of Alkylated Hydroperoxides of the 1,1-Diphenyl- 20-118-5-34/59 ethane Series by the Method of Chromatographical Isolation

> elongation of the aliphatic chain at the tertiary carbon atom. The methodology of the isolation and purification according to the chromatographical method (reference 7) is described. Table 3 gives data of the reproduced peroxides (I - V). The peroxides were also characterized by chemical methods according to their decomposition products. From the data obtained here it can be concluded that these peroxide compounds represent tertiary hydroperoxides. Their structures are explained by formulae; they can be denominated as follows: I: 1-phenyl-1-p-tolylethane-hydroperoxide; II: 1-phenyl-1-pethylphenylethane-hydroperoxide; III: phenyl-1-cumylethane--hydroperoxide-1; IV: 1-phenyl-1-4-tributylphenylethane--hydroperoxide-1; V: 1,1-diphenyl-n-butane-hydroperoxide-1. There are 3 tables and 10 references, 5 of which are Soviet.

ASSOCIATION:

L'vovskiy politekhnicheskiy institut (L'vov Polytechnical Institute)

PRESENTED: Card 3/4

October 5, 1957, by B. A. Arbuzov, Member, Academy of Sciences

The Synthesis of Alkylated Hydroperoxides of the 1,1-Diphenyl- 20-118-5-34/59 ethane Series by the Method of Chromatographical Isolation

SUBMITTED: October 2, 1957

Card 4/4

SINYAGII:, Irakliy Ivanovich, akademik; PASKHIN, N.F.; NIKONOVA, Ye.A., dots.; POZHARSKIY, V.K.; OCRYZKOV, S.Ye., kand. veter. nauk; LOZHKIN, N.I., kand. biol. nauk; MURONETS, I.I., red.; VILENSKAYA, O.V., red.-leksikograf; ARTEMOV, L.V., red.-leksikograf; VACHAYEVA, Z.P., red.-leksikograf

[German-Russian agricultural dictionary] Nemetsko-russkii sel'skokhoziaistvennyi slovar'. Moskva, Sovetskaia Entsiklopediia, 1965. 684 p. (MIRA 18:7)

1. Vsesoyuznaya akademiya sel'skokhozyaystvonnykh nauk imeni V.I.Lenina (for Sinyagin).

STENDER, Gerbert Markovich [Stender, H.]; MOTYLEV, Yu.L., kand. tekhn.nauk, red.; VILENSKAYA, O.V., red.

[German-Russian dictionary of road construction] Nemetskorusskii slovar' po dorozhnomu stroitel'stvu. Izd.2., perer. i dop. Moskva, Sovetskaia entsiklopediia, 1964. 377 p. (MIRA 17:12)

BOGOMOLOV, B.A., red.; BARANOV, A.M., red.; MURONETS, I.I., red.; CUSEV, N.P., red.; PANKIN, A.V., red.; VACHAYEVA, Z.P., red.—leksikograf; VILENSKAYA, O.V., red.1—leksigogr.; ARTEMOV, L.V., red.-leksikogr.; YEREMINA, N.N., mlad. red.; VANSOVSKAYA, L.Ye., mlad. red.; CHEKRYZHOV, P.F., spets.red.; PLAKSHE, L.Yu., tekhn. red.

[German-Russian polytechnical dictionary] Nemetsko-russkii politekhnicheskii slovar'. Podgotovleno pri redaktsionnom uchastii izdatel'stva "Tekhnika" GDR. Moskva, Glavnaia red. inostrannykh nauchno-tekhn. slovarei Fizmatgiza, 1963. 812 p. (MIRA 17:1)

L 2526-66 EWT(d)/FSS-2/EWT(1)/EWA(h) JM . ACCESSION IR: AP5021347

UR/0120/65/000/004/0136/0139 621.385.633.2:621.3.029.66

AUTHORS: Golant, M. B.; Vilenskaya, R. L.; Zyulina, Ye. A.; Kaplun, Z. F.; Negirev, A. A.; Parilov, V. A.; Rebrova, T. B.; Savel'yev, V. S.

TITLE: A series of wide-range low-power generators of millimeter and submillimeter waves

SOURCE: Pribory i tekhnika eksperimenta, no. 4, 1965, 136-139

TOPIC TAGS: short wave radiation, backward wave tube, oscillator

ABSTRACT: Backward wave tubes represent the principal type of wide-range lowpower generators of waves in the millimeter and submillimeter range. The purpose of this article is to acquaint scientists and technical workers with such devices. The characteristics of seven backward wave tubes are tabulated: OV-612, OV-613, OV-614, OV-622, LOV-0.5, LOV-1.0, and LOV-1.5. Wavelengths range from 0.49 to 8 mm, frequencies from 37.5 to 375 Gc, voltage changes from 2 to 4000 v, current from 30 to 50 mamp, power from 1 to 200 mw, and weight from 5 to 10 kg. Ranges overlap, and it is possible with these tubes to cover the entire range from onehalf to eight millimeters. Orig. art. has: 8 figures and 2 tables. [04]

Card . 1/2

指的理論。如此法律是

"APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859810014-4

L 2526-66 ACCESSION NR: AP5021347 ASSOCIATION: none		0
SUBMITTED: 20Nov64 NO REF SOV: 000	ENGL: 00 OTHER: 000	SUB CODE: EC ATD PRESS: 4108
	٠.,	
Card 2/2	religion et alle in la crisiale des decentes de color de autorités (se autorités des alles des alles des des d Il financiere : le constitue des des autorités des autorités des autorités des autorités de la color de des grégolaments	

VILENSKAYA, R.M.; FRENKEL', S.Ya., red.; ALEKSEYRVA, V.P., bibliogr.red.; KUZ'MIN, A.A., vedushchiy red.; SIL'CHENKOVA, V.V., tekhn.red.

[Bibliographic index of works of scientific personnel of the Institute of High Molecular Weight Compounds of the Academy of Sciences of the U.S.S.R., 1949-1959] Bibliograficheskii ukezatel' rabot nauchnykh sotrudnikov Instituta vysokomolekuliarnykh soedinenii AN SSSR, 1949-1959 gg. Sost.R.M.Vilenskaia, Pod red, S.IA. Frenkelia. Leningrad, 1961. 103 p. (MIRA 14:2)

1. Akademiya nauk SSSR. Institut vysokomolekulyarnykh soyedineniy. (Bibliography--Macromolecular compounds)

VILENSKAYA, Raisa Markovna; FRENKEL*, S.Ya., doktor fiz.-mat.
nauk, red.; ALEKSEYEVA, V.P., red.; KUTASOVA, E.I., red.
[High-molecular compounds: bibliographic index o. Soviet

[High-molecular compounds; bibliographic index o. Soviet and foreign books, 1930-1963] Vysokomolekuliarnye soedineniia; bibliograficheskii ukazatel' otechestvennykh i zarubezhnykh knig 1930-1963. Leningrad, 1965. 368 p.

(MIRA 18:10)

1. Akademiya nauk SSSR. Biblioteka.

VILENSKAYA, R

M

Bibliograficheskiy ukazatel rabot nauchnykh sotrudnikov Instituta Vysokomolekulyarnykh Soyedineniy AN SSSR 1949-1959gg. Pod red. S.Za. Frenkelya. Leningrad (Izdatel skiy Otdel Biblioteki AN SSSR) 1961.

At head of title: Akademiya Nauk SSSR. Institut Vysokomolekulyarnykh Soyedineniy, and Biblioteka Akademii Nauk.

VILENSKAYA, R. N., Cand Med Sci -- (diss) "Function of the liver in patients with lupus and the effects of various methods of treatment on it." Moscow, 1960. 16 pp; (First Moscow Order of Lenin Medical Inst im I. M. Sechenov); 250 copies; price not given; (KL, 31-60, 143)

CAST THE SECRETARY DESIGNATION OF THE SECRETARY AND ASSESSED.

VILKNSKAYA, R.N.

Function of the liver in patients with cutaneous tuberculosis and effects of various methods of therapy. Probl.tub. 37 no.6:56-63

159. (MIRA 13:2)

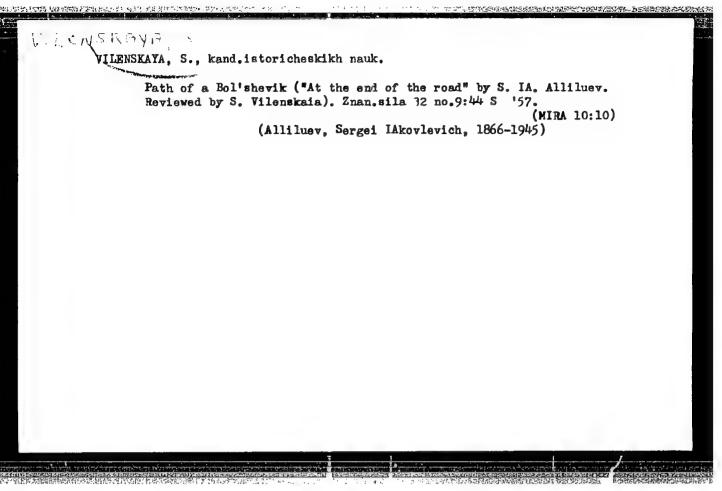
1. Iz biokhimicheskogo otdeleniya (zaveduyushchiy - kand.med.nauk Ye.F. Sidel'nikova) Gosudarstvennogo nauchno-issledovatel'skogo tuberkuleza Ministerstva zdravookhraneniya RSFSR (direktor - kand.med. nauk V.F. Chernysheva, zamestitel' direktora po nauchnoy chasti prof. D.D. Aseyev).

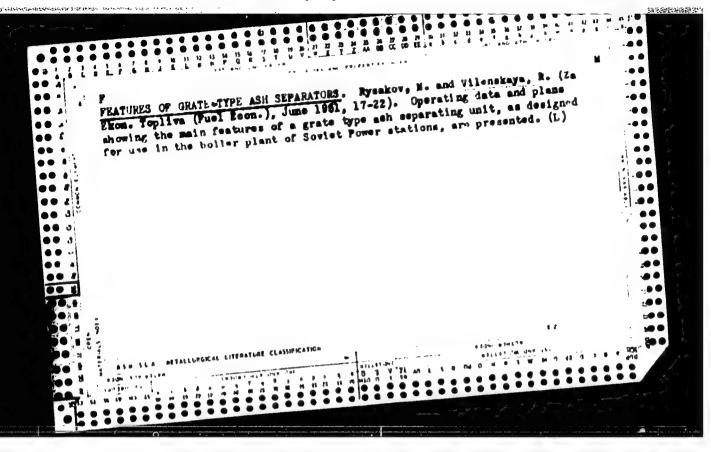
(TUBERCULOSIS CUTANEOUS physiol.)
(LIVER physiol.)

VILENSKAYA, S., kand.istoricheskikh nauk

"Wars and the population of Europe. Losses of European armed forces in the wars of the 17th-20th centuries" by B.TS. Urlanis. Reviewed by S. Vilenskaia.

(Europe-War-Casualties (Statistics, etc.) (Urlanis, B.TS.)





VILENSKATA, S.K., kand. istor. nauk.

Historical documents ("Preparation for the October Revolution and its victory in Moscow." Reviewed by S.K. Vilenskaia). Nauka i shizn' 24 no.10:62 0 '57. (MIRA 10:11)

(Moscow...Revolution, 1917-1921)

VILENSKAYA 5,K AUTHOR: Vilenskaya, S.

Vilenskaya, S. K., Candidate of Historical Sciences 25-10-38/41

TITLE:

Documents of Historic Importance (Dokumenty istorii)

PERIODICAL:

Nauka i Zhizn', 1957, # 10, p 62 (USSR)

ABSTRACT:

A short note about the collection "Podgotovka i pobeda Oktyabrskoy revolutsii v Moskve" (Preparation and Victory of the October Revolution in Moscow), published by the Historical Institute of the Party MK and MGK KPSS, which contains about 400 documents and material about the struggle of the working population of Moscow and the Moscow Oblast' for their liberation from the capitalist yoke, and about the historic moments of the most critical revolutionary days between 30 October and 3 November 1917.

AVAILABLE:

Library of Congress

Card 1/1

VILENSKAYA, R. N. mauchnyy sotrudnik.

Liver function in cutaneous tuberculosis before and after phthivazide therapy. Vest.ven. i derm. no.4:12-13 J1-Ag '55. (MLRA 8:12)

1. Iz Gosudarstvennogo instituta kozhnogo tuberkuleza (dir.-kandidat meditsinskikh nauk I.N.Agapkin, nauchnyy rukovoditel'-dotsent I.I.Yukelis)

(LIVER FUNCTION TESTS, in various diseases, tubers., cutaneous, eff. of isoniazid)

(TUBERCULOSIS, CUTAMEOUS, therapy, isoniazid, eff. on liver funct.)

(NICOTINIC ACID ISOMERS, therapeutic use, isomiazid in cutaneous tuberc., eff. on liver funct.)

VILERSKAYA, S.K., kandidat istoricheskikh nauk

Five million books. Mauka i zhizh! 22 no.5:59 My !55. (Moscow--Libraries) (MIRA 8:6)

VILENSKAYA, S.K., kandidat istericheskikh nauk.

Giant of learning, spirit, and character ("Gierdane Brune and the imquisition." V.S. Rezhitaya. Reviewed by S.K. Vilenskaia). Nauka i shiza' 23 no.3:60-61 Mr '56. (MIRA 9:7)

(Brune, Gierdane, 1548-1600)

SHAN'GIN, N.V.; VILENSKAYA, S.M.
Studying the clastic properties

Studying the elastic properties and velocities of seismic waves in the depths of the earth by borehole cores. Uch. zap. IGU no.286:275-283 *60. (MIRA 14:3)

YUDBOROVSKIY, I.Kh.; VILENSKAYA, S.M.

Some results of investigating the elastic properties of reaks in the west of Central Asia. Izv.AN Turk.SSR.Ser.fiz.-tekh.,khim.i geol.nauk. no.3:26-31 '62. (MIRA 16:5)

1. Otdel razvedochnoy geofiziki i seysmologii AN Turkmenskoy SSR. (Apia, Central—Rocks)

VILENSKAYA, T. V., Cand Phys-Math Sci -- "On the stimulation of mercury, zinc, and cadmium atoms in the positive column of a gaseous discharge." Tomsk, 1961. (Tomsk State U im V. V. Kuybyshev) (KL, 8-61, 226)

- 9 -

VILENSKAYA, T. V.

Excitation of atoms in the positive column of a nonequilibrium gas discharge. Izv. vys. ucheb. zav.; fis. no.6:111-114 62.

(MIRA 16:1)

1. Sibirskiy fiziko-tekhnicheskiy institut pri Tomskom gosu-darstvennom universitete imeni Kuybysheva.

(Electric discharges through gases)
(Quantum theory)

67216

sov/58-59-7-16536

24.3420

Translation from: Referativnyy Zhurnal Fizika, 1959, Nr 7, p 268 (USSR)

AUTHOR:

Vilenskaya, T.V.

TITLE:

On the Influence of Stepped Excitation Processes on Some Spectral Lines

of Mercury

PERIODICAL:

Tr. Sibirsk. fiz.-tekhn. in-ta pri Tomskom un-te, 1958, Nr 36, pp 351-360

ABSTRACT:

The author measured the current-intensity and pressure dependences of the line intensity of the visible spectrum of Hg_in a low-pressure discharge in intervals ranging from 5 to 50 mA and 10^{-2} to 1 mm Hg. The intensity of lines with upper levels of 73s, 6^3D , and 7^3D increases with a rise in current, and does so all the faster, the higher the pressure is. The line of singlet levels n¹S and n¹P increases more slowly with a rise in current, and decreases with a rise in pressure. In the case of line 4077 Å (7 S), the intensity once again begins to increase with pressure when the latter amounts to a few tenths of mm Hg. The obtained results are explained in terms of stepped excitation of the triplet levels via resonance level 63p. Particularly large cross sections are obtained for allowed transitions to levels 3S and 3D. The excitation cross section

Card 1/2

67216

SOV/58-59-7-16536

On the Influence of Stepped Excitation Processes on Some Spectral Lines of Mercury

for 3P - 1S is smaller, since the corresponding optical transition is intercombinatory. Finally, the 3P - 1P cross sections are quite small, which is consistent with the strong forbiddance of an optical transition conforming to $\triangle 1$ = 0. Successive optical transitions from upper levels play an essential role in the population of singlet terms. The number of such transitions decreases with the rise in pressure due to the drop in electron temperature. In a few cases stepped excitation participates at high pressures. Hence, the obtained results point to a parallelism between optical-transition probabilities and electron-impact excitation cross sections.



L.A. Vaynshteyn

Card 2/2

Weasurement of the electron temperature and concentration in a mercury vapor discharge. Izv.vys.ucheb.zav.; fiz. no.6: 102-106 '59. 1. Sibirskiy fiziko-tekhnicheskiy institut pri Tomekom gosuniversitete imeni V.V.Kuybysheva. (Electrons) (Electric discharges through gases)

69158 3/139/59/000/06/015/034 E032/E114

24,6200

Vilenskaya, T.V., Makarova, A.S. AUTHORS:

Measurement of the Electron Temperature and Concentration

in a Mercury Discharge TITLE:

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy, Fizika,

1959, Nr 6, pp 102-108 (USSR)

ABSTRACT: The present work is a continuation of Ref 1. Probe measurements are reported of the electron temperature and concentration in the pressure range 0.01-25 mm Hg.
Optical measurements have previously been carried out in this interval. The discharge tube employed was described in Ref 1. A probe was introduced (7 mm long, 0.2 mm in diameter) into the middle part of the discharge tube which measured by the method described by Kagan (Refs 2, 3, 4). The temperature was calculated from Eq (3). It was found that the electron temperature at constant discharge current decreases from 19 000 to 15 900 oK, and the electron concentration increases from 2 to 18.4 x 1010 cm-3, in the pressure range 0.01-25 mm Hg. At a pressure of 0.01 mm Hg the electron temperature falls from 22 000 to 15 500 °K and the electron concentration rapidly

Card 1/2

69158 S/139/59/000/06/015/034 B032/B114

Measurement of the Electron Temperature and Concentration in a Mercury Discharge

increases from 1.6 to 18.5×10^{10} cm⁻³ when the discharge current is changed from 5 to 50 mamp. It is concluded that experimental data suggest that stepwise excitation of levels is the main process in the excitation of atoms in mercury discharges. This deduction is made on the basis of a comparison between measured values of the intensity of spectral lines excited in mercury discharge with Fabrikant's formula. Typical electron temperature and concentration curves are given in Figs 1, 2 and 3. Acknowledgements are made to Professor N.A. Prilezhayeva and Dr. L.P. Seminova.
There are 3 figures, 1 table and 6 references, of which

HISGUARES, L'ADUNTURE PURENTALISMONT PURENTANT DE L'ATTENDE PURENT PUREN

1 is German and 5 are Soviet.

ASSOCIATION: Sibirskiy fiziko-tekhnicheskiy institut pri Tomskiy

gosuniversitete imeni V.V. Kuybysheva
(Siberian Physico-Technical Institute at Tomsk State
University imeni V.V. Kuybyshev) Card 2/2

SUBMITTED: February 7, 1959

EWT(d)/EWT(m)/EWP(w)/EWP(w)/EWP(k)/EWA(h)/ETC(m)-6 IJP(c) L:26002-66 SOURCE CODE: UR/0040/66/030/002/0278/0295 WW/EM ACC NR: AP6012547 Vilenskaya, T. V. (Rostov-na-Donu); Vorovich, I. I. (Rostov-na-Donu) AUTHORS: ORG: none TITLE: Asymptotic behavior in the solution of a problem in elasticity theory for 26 spherical shells of small thickness Prikladnaya matematika i mekhanika, v. 30, no. 2, 1966, 278-295 SOURCE: TOPIC TAGS: elasticity theory, spherical shell structure, asymptotic property, approximation method, stress analysis ABSTRACT: The stress and deformation in thin-walled spherical shells under a symmetric, uniformly distributed load are analyzed. Generalized solutions are obtained for the governing equations using spherical coordinates and Euler-type equations. In compact form the characteristic equation of this system gives β4 - 5/5 β2 + 75/16 - 4v2 $= \beta^3/(\beta); \quad \gamma = \ln \lambda, \quad /(\beta) = \frac{\beta^3 - 1/3 \beta^3}{\beta^4 + \beta^3 [4(1-\nu^3) - 3/3] + 3/16}$ where γ is the shell thickness, $\beta = \frac{1}{2}\sqrt{1-4\mu^2}$, and the parameter μ is determined from the boundary conditions. It is shown that this equation has three groups of roots. One group is independent of γ , one group increases as $1/\sqrt{\gamma}$ as $\gamma \to 0$, and a third group increases as 1/7 as $\gamma \rightarrow 0$. The stress and deformation for the shell are 2 Card 1/2

ACC NR: AP6012547 obtained for each group of roots. The asymptotic behavior of each solution is analyzed, and a method is shown for reducing expansion errors to an arbitrarily small analyzed, and a method outlined by A. I. Lur'ye (Ravnovesiye uprugoy simmetrichno value E. The method outlined by A. I. Lur'ye (Ravnovesiye aprugoy simmetrichno nagruzhennoy sfericheskoy obolochki. FLM. 1943, T. 7, vyp. 6) is used in the analysis as it applies to spherical geometries. Orig. art. has: 86 equations and 3 figures. SUB CODE:20,13/ SUBM DATE: 17Sep65/ CRIG REF: COG

是在特殊的主义的,但是在自己的对象,但是在自己的对象,是是是自己的主义的,但是是是自己的主义的主义的主义的主义的。但是是是是是是是是是是是是是是是是<mark>是是是是是是是是是是是</mark>

PASHKOV, A.I.; KARATAYRV, N.K., doktor ekon.nauk; POLYANSKIY, F.Ya., doktor istor.nauk; TSAGOLOV, N.A., doktor ekonom.nauk; BEZMAN, R.R., kand.ekonom.nauk; PRIKAZCHIKOVA, Ye.V., kand.ekonom.nauk; SHUKHOV, N.S. Prinimali uchastiye: KOSHELEVA, Ye.F., mladshiy nauchnyy sotrudnik; KHUTORNA, V.F., mladshiy nauchnyy sotrudnik; CHIZHOVA, L.G., mladshiy nauchnyy sotrudnik; VILENSKAYA, V.S., starshiy nauchno-tekhnicheskiy sotrudnik; ZHUK, I., red.; MOSKVINA, R., tekhn.red.

[History of Russian economic thought] Istoriia russkoi ekonomicheskoi mysli. Pod red. A.I.Pashkova i N.A.TSagolova. Moskva, Izd-vo sotsial'no-ekon.lit-ry. Vol.2. [Epoch of premonopolistic capitalism]

Epokha domonopolisticheskogo kapitalisma. Pt.2. 1960. 676 p.

(MIRA 13:11)

1. Akademiya nauk SSSR. Institut ekonomiki. 2. Chlen-korrespondent AN SSSR (for Pashkov). 3. Institut ekonomiki AN SSSR (for Kosheleva, Khutorna, Chizhova).

(Economics)

VILENSKAYA, Ye.I.

Clarification of flavor syrups in the production of fruit beverages. Ferm. i spirt. prom. 30 no.7:14-16 64 (MIRA 18:2)

1. Vsesoyuznyy nauchno-issledovatel*skiy institut pivo-bez-alkogol*noy i vinnoy promyshlennosti.

3/123/61/000/023/005/018 A052/A101

Vilenskaya, Ye. L. AUTHOR:

The production of tools of plasticized raw pieces TITLE:

Referativnyy zhurmal, Mashinostroyeniye, no. 23, 1961, 6, abstract PERIODICAL:

23B36 (V sb. "Novoye v instrumental'n. proiz-ve". Leningrad, 1960,

73-87)

VNIITS has developed a new method of manufacturing hard-alloy tools of plasticized raw pieces which are made of a fine-grained mixture prepared under TEXT: special grinding conditions with the introduction of a plasticizer (usually, paraffin). After giving the raw pieces the required geometric form, this being done on metal-working machines or with lock-smith tools, they are sintered in two stages (in hydrogen atmosphere). The technology of manufacturing plasticized tools, the heat treatment conditions and the grind methods are given. The new method widens considerably the possibilities of manufacturing profile and complex hard-alloy tools. The raw pieces made of fine-grained mixture of the tungsten-cobalt group BK 6 M (VK6M) and BK 10 M (VK10M) grades are used mostly for manufacturing gear cutters and other cutting tools, and BK 15 M (VK15M) and

Card 1/2

S/123/61/000/023/005/018 A052/A101

The production of tools of plasticized raw pieces

BK 20M (VK20M) grades are used for die elements. A review of application of the new material at Leningrad plants to the production of small cutting tools, dies, jig bushings, pressforms and separate parts is made. The service life of jig bushings made of plasticized hard alloys is 150,000 - 180,000 pieces, whereas that of steel ones is 8,000 - 10,000 pieces. The total number of pieces punched with a die made of this material reaches 16 - 20 millions at 40 regrinds.

I. Briskman

[Abstracter's note: Complete translation]

Card 2/2

VILENSKAYA, Ye.I.

Using the enzyme method for the production of clarified juices. Spirt.prom. 29 no.2:23-26 163. (MIRA 16:2)

l. TSentral'nyy nauchno-issledovatel'skiy institut pivo-bezalkogol'noy i vinnoy promyshlennosti Moskovskogo gorodskogo soveta narodnogo khozyaystva.

(Fruit juices)

(Fermentation)

OKHOTIN, M.V., prof., doktor khimicheskikh nauk; VILENSKAYA, Ye.I.;
TUZIKOV, A.I.

Methods of measuring the viscosity of melted glass in a pot furnace. Stek.i ker. 19 no.5:12-14 My '62. (MIRA 15:5) (Glass manufacture)